Patent

Case No.: 58627US002

ED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

BENSON, KARL E.

Application No.:

10/713174

Group Art Unit:

Unknown

Filed:

November 14, 2003

Examiner:

Unknown

Title:

N-SULFONYLAMINOCARBONYL CONTAINING COMPOUNDS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313,1450 on:

Signed W: Virginia Bergstrom

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

narch 1, 2004

Telephone No.: (651) 733-3169

Office of Intellectual Property Counsel 3M Innovative Properties Company

Facsimile No.: 651-736-3833

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

se as many sheets as necessary)

MAR 0 4 2004 Page 1 of 1

Application Number	10/713174		
Filing Date	November 14, 2003		
First Named Inventor	Benson, Karl E.		
Art Unit	Unknown		
Examiner Name	Unknown		
Attorney Case Number	58627US002		

PRADE	MARK		U.S. Patent			
	Cite	Document Number	Publication Date or Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where	
	No.	Doc. Number-(Kind Code if Known)	MM-DD-YYYY		Relevant Passages or Relevant Figures Appear	
	A1	US- 5,888,594	03/30/1999	David et al.		
	A2	US- 5,948,166	09/07/1999	David et al.		
	А3	US-				
	A4	US-				

·*)

Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	Translation
		Ctry. Code	Number-KindCode (If known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	(Check if yes)
	B1	WIPO	01/66820 A1	09/13/2001			
	B2	WIPO	03/084982 A2	10/16/2003			
	В3	WIPO	03/093785 A2	11/13/2003			
	B4						
	B5						

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
	C1	M. David et al., "Plasma Deposition and Etching of Diamond-Like Carbon Films", AIChE Journal, 37 (3), 367-376 (March 1991).					
	C2	R.R. Shah et al., "Using Liquid Crystals To Image Reactants and Products of Acid-Base Reactions on Surfaces with Micrometer Resolution", J. Am. Chem. Soc., 1999, 121, 11300-11310.					
	C3	J. Lahiri et al., "Patterning Ligands on Reactive SAMs by Microcontact Printing", Langmuir, 1999, 15, 2055-2060.					
	C4	R.R. Shah et al., "Principles for Measurement of Chemical Exposure Based on Recognition-Driven Anchoring Transitions in Liquid Crystals", Science, 2001, 293, 1296.					
	C5	M. Niculescu et al., "Redox Hydrogel-Based Amperometric Bienzyme Electrodes for Fish Freshness Monitoring", Anal. Chem. 2000, 72, 1591-1597.					
	C6	J. Wang et al. "Ultrathin Porous Carbon Films as Amperometric Transducers for Biocatalytic Sensors", Anal. Chem. 1994, 66, 1988-1992.					
	C7	P. Wagner et al., "Covalent Immobilization of Native Biomolecules onto Au(111) via N- Hydroxysuccinimide Ester Functionalized Self-Assembled Monolayers for Scanning Probe Microscopy"", Biophysical. Journal, 1996, Vol. 70, 2052-2066.					

*=	хa		in	_	_	
	ха	m	ın	е	r	:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.